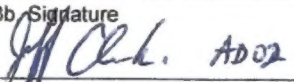


1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2014-61	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	Handle	84261-01(940)	1	N/A	New	
12. Remarks For AS350 XL Ski Basket (Model 940)						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 22 Apr 2015		14d. Name		14e. Date (dd/mmm/yyyy)
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

Blackcomb

CARGO BASKET HANDLE FABRICATION

General

These instructions apply to all cargo basket handle assemblies. Refer to the following drawings, at the current revision, for dimensions and details:

All Models: 84261, Rev. 1

Work Order: 2014-61

Complete
(initial or SCA #)

Date Open: 18 Aug 2014

1. Weld Lever Assembly – handle lever jig required
 - a. Set MS20615-4M3 monel rivet into socket in jig
 - b. Set 36274-01 bushing into socket in jig
 - c. Set 84261-01 lever onto handle jig, with rivet and bushing protruding into lever.
 - d. TIG weld around bushing using ER308L rod.
 - e. Fuse weld rivet to lever. Additional ER308L rod may be used if required.
 - f. Repeat steps a-f using hole/socket on opposite side of jig to make opposite lever assembly.
 - g. Record material POs on attached material list.
2. Clean up
 - a. Clean lever assembly by media blasting with glass bead.
 - b. Drill out lever bushing to O (0.316) on lathe:
 - i. Grasp bushing in chuck, ensure rivet clears between the jaws.
 - ii. Run at 300 RPM.
 - iii. Apply a drop of Rapid-Tap to drill.
 - c. De-burr.
3. Fabricate Handle Assembly
 - a. Temporarily install handle levers (from step 2) on lid assembly. Ensure long side of handle bushings are on INSIDE (pointing together).
 - b. Measure across TOP side of levers.
 - c. Cut handle tubing to length measured.
 - i. Handles under 40" long: 1.0" x 0.035 round tube
 - ii. Handles over 40" long: 1.0" x 0.065 round tube
 - d. De-burr tube.
 - e. Insert tube into handle levers. Tap with a plastic mallet to seat tube flush with lever. Raise handle to ensure both levers touch stops to check alignment.
 - f. Record material PO on attached material list.
4. Weld Handle Assembly
 - a. Fuse tube to lever on both ends. Ensure levers are parallel.
5. Clean up
 - a. Clean welded area with scotch-brite.
6. Final Inspection –
 - To be completed by a different person than the previous steps.
 - a. Welds for complete and handle for fit.
 - b. Tag complete and inspected parts in preparation for installation.

2014-37

AD-05

AD-05

AD-05

AD-05

Work Order: 2014-61Date Opened: 18 Aug 2014Material Tracking Sheet
Eurocopter AS350 / AS355
Extra Large Basket Handle Assembly

1 of 1

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
		84261	84261-01	Handle Assembly		
Step 1				Weld Lever Assembly		
	. 2		84265-01	Lever	304 Stainless, 0.105 Sheet	} 2014-37
	. 2		36274-01	Bushing	304 Stainless, 7/16" x 0.065 Rnd. Tube	
	. 2		MS20615-4M3	Rivet		
	. A/R			Welding Rod	ER308L TIG Rod	
Step 2				Clean Up	None	
Step 3				Fabricate Handle Bar		
	. 1		36277-01	Handle Bar	316 Stainless, 1.0 x 0.065 Rnd. Tube	13077
Step 4				Weld Handle Assembly	None - Fuse weld, no rod req.	
Step 5				Clean Up	None	
Step 6				Inspection - Final Assembly	None	

Work Order: 2014-61Material Tracking Sheet
AS350 / AS355 Medium Basket Handle Assembly

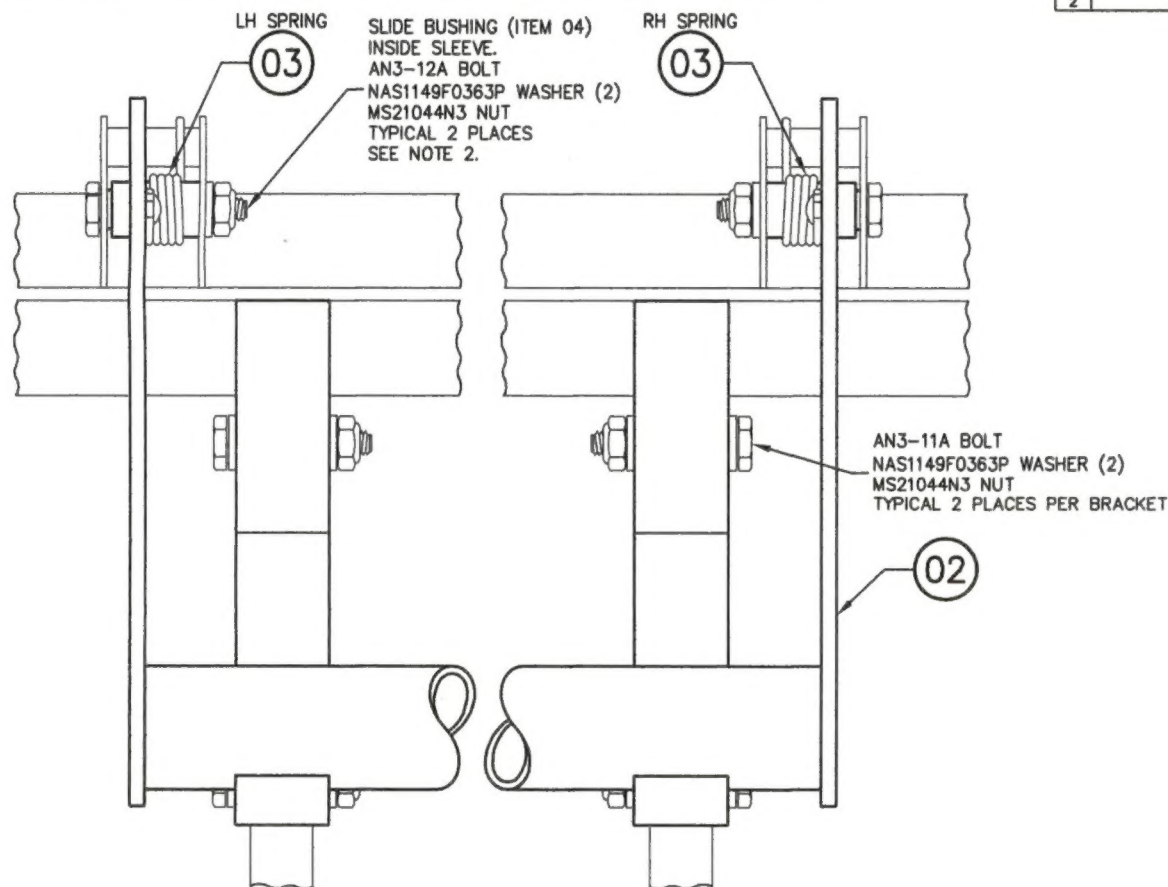
1 of 1

Date Opened: 18 AUG 2014

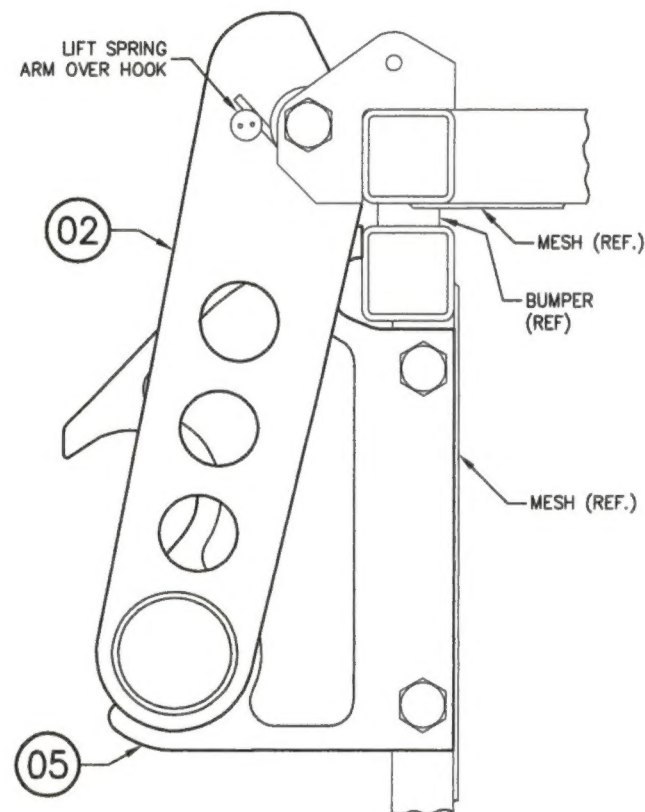
Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/VO
		84261	84261-01	Handle Assembly		
Step 1				Weld Lever Assembly		
	. 2		84265-01	Lever	304 Stainless, 0.105 Sheet	2014-37
	. 2		36274-01	Bushing	304 Stainless, 7/16" x 0.065 Rnd. Tube	
	. 2		MS20615-4M3	Rivet		
	A/R		--	Welding Rod	ER308L TIG Rod	
Step 2				Clean Up	None	
Step 3				Fabricate Handle Bar		
	. 1		36277-01	Handle Bar	304 Stainless, 1.0 x 0.035 Rnd. Tube	
Step 4				Weld Handle Assembly	None - Fuse weld, no rod req.	
Step 5				Clean Up	None	
Step 6				Inspection - Final Assembly	None	

NOTES:

1. THIS DRAWING IS AN ALTERNATE CONFIGURATION FOR THE HANDLE INSTALLATION SHOWN ON DRAWING 36255.
2. GREASE BUSHING (ITEM 04) USING MOBILGREASE 28 OR EQUIVALENT PRIOR TO INSTALLATION.



THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.			
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 36255	BJC	NOV 03/09
1	HANDLE END BRACKETS FLIPPED	BJC	SEPT 19/11
2	TITLE BLOCK UPDATED; ADD NOTE 2; HARDWARE UPDATED	BJC	MAR 13/14



01 HANDLE INSTALLATION

A/R	MOBILGREASE 28		GREASE	MIL-PRF-81322F
4	AN3-11A		BOLT	
2	AN3-12A		BOLT	
10	NAS1149F0363P		WASHER	
6	MS21044N3		NUT	
2	84267-01	05	BRACKET	
2	36275-01	04	BUSHING	
2	36278-01	03	SPRING (1 LH, 1 RH)	
1	84261-01	02	HANDLE BAR ASSEMBLY	
	84255-01	01	HANDLE INSTALLATION	
01	PART NO.	ITEM	DESCRIPTION	MATERIAL
QTY.	LIST OF MATERIALS			

APPROVALS	DATE
DRAWN: JEFF CLARKE	03 NOV 2009
CHECKED: E. BURGAIN	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:	
DECIMALS	ANGLES
X.XXX ±0.010	±1/2°
X.XX ±0.03	
X.X ±0.1	



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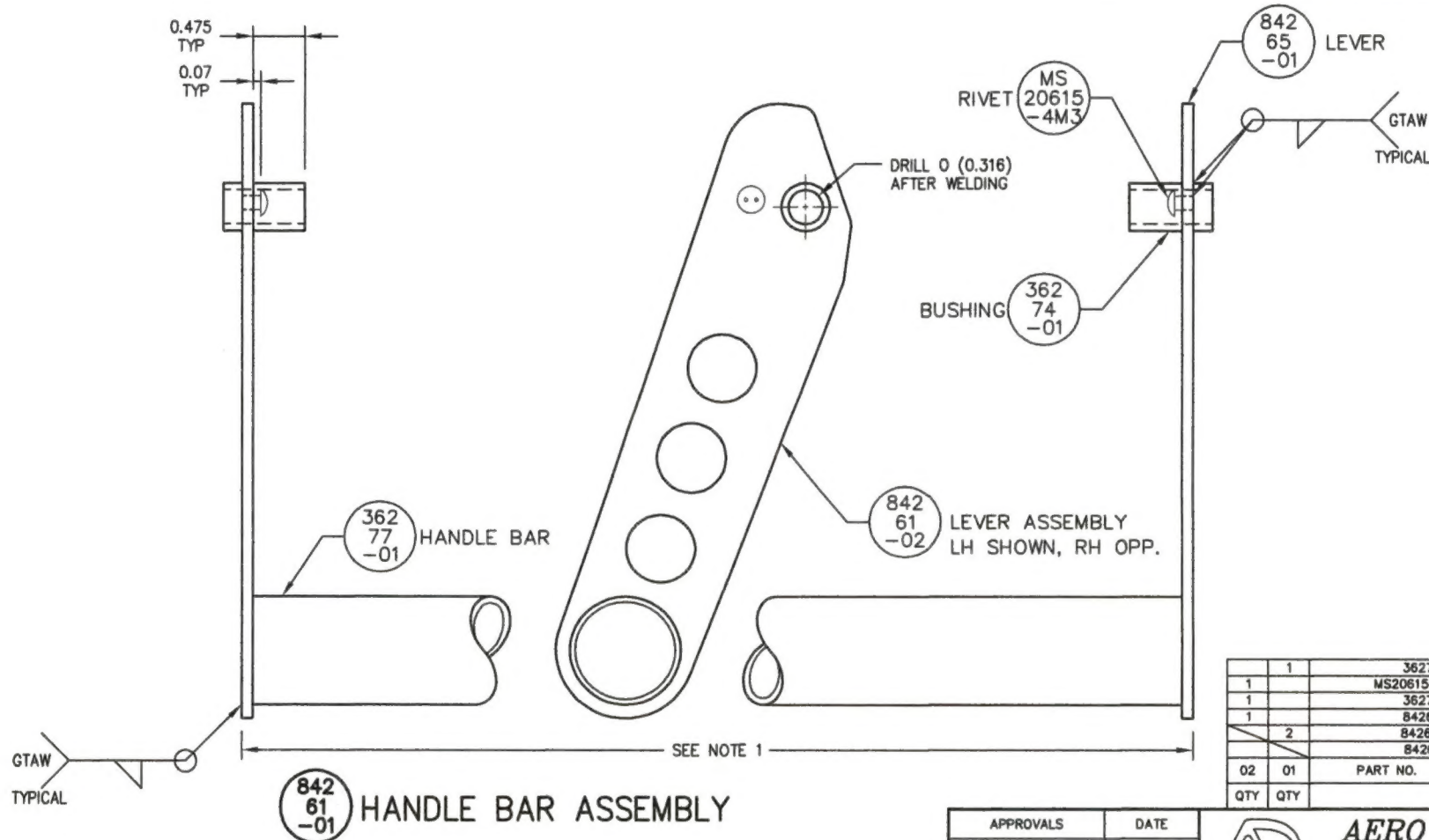
9888A MALASPINA ROAD
POWELL RIVER, BC, CANADA, V8A 0G3
TEL: 604.483.8376 www.aerodesign.ca

**HELICOPTER CARGO BASKET
HANDLE BAR INSTALLATION**

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A3	84255	2

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	HANDLE END BRACKETS FLIPPED	BJC	SEPT 19/11
2	TITLE BLOCK UPDATED; LEVER ASSEMBLY ASSIGNED P/N	BJC	MAR 13/14



NOTES:

1. LENGTH OF HANDLE TO BE DETERMINED BY BASKET ASSEMBLY DRAWING.
2. REMOVE ALL BURRS AND SHARP EDGES.
3. WELDING TO BE COMPLETED BY GTAW METHOD TO AMS2685C USING ER308L ROD.

QTY	QTY	PART NO.	DESCRIPTION
1	1	36277-01	HANDLE BAR
1	1	MS20615-4M3	RIVET (MONEL)
1	1	36274-01	BUSHING
1	1	84265-01	LEVER
2	2	84261-02	LEVER ASSEMBLY (RH/LH)
02	01	84261-01	HANDLE BAR ASSY
LIST OF MATERIALS			

APPROVALS	DATE
DRAWN: R. RATHWELL	JUNE 18/09
CHECKED: E. BURGAIN	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
DECIMALS ANGLES
X.XXX ±0.010 ±1/2°
X.XX ±0.03
X.X ±0.1



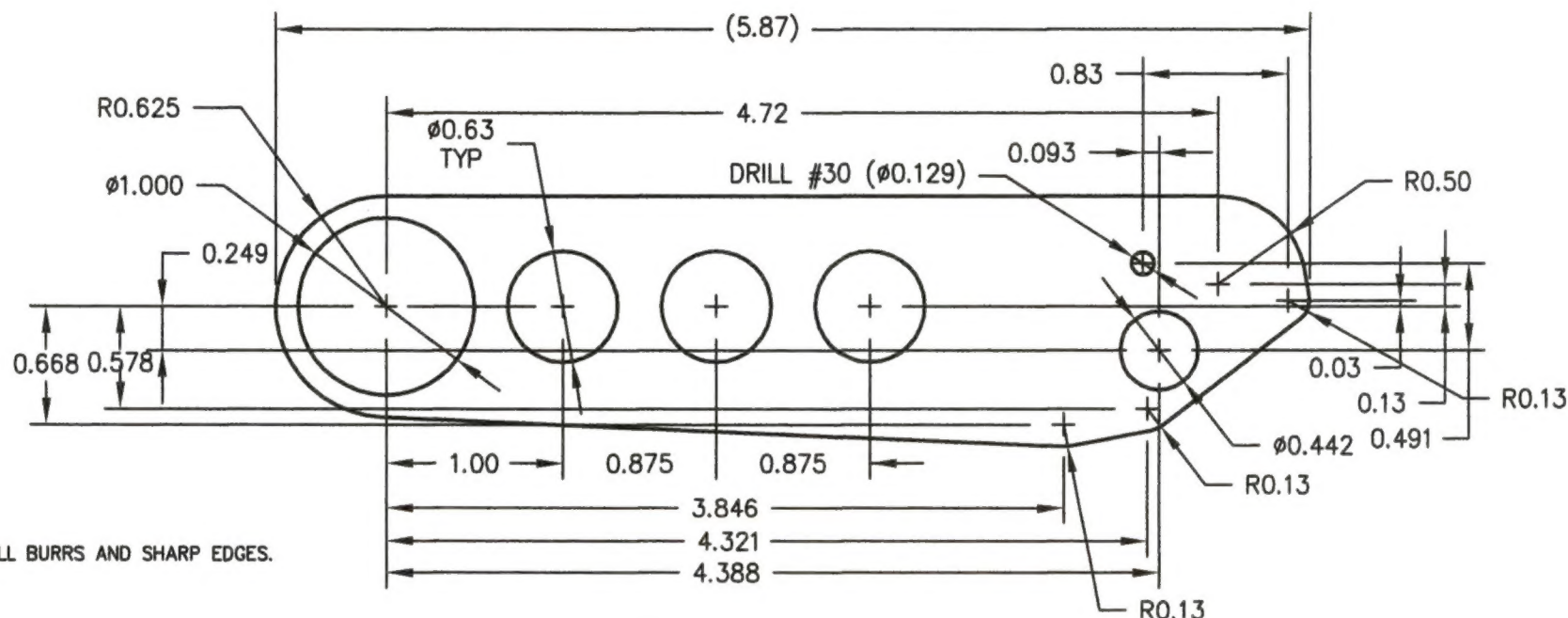
AERO DESIGN LTD.

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POWELL RIVER, BC, CANADA, V8A 0G3
TEL: 604.485.8376 www.aerodesign.ca

**HELICOPTER CARGO BASKET
HANDLE BAR ASSEMBLY**

SCALE	DWG. SIZE	DWG. NO.	REV.
SCALE 1 : 1	A3	84261	2
SHEET 1 OF 1			

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1	REMOVE TOOLING HOLES, ADD LIGHTENING HOLES	BJC	18/06/2010
2	TITLE BLOCK UPDATED, ADD ALTERNATE MATERIAL	BJC	13/03/2014




NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.

01 LEVER

	01	(ALTERNATE MATERIAL)	AISI 304 STAINLESS	AMS 5513	0.125" SHEET
84265-01	01	LEVER	AISI 304 STAINLESS	AMS 5513	0.100" SHEET
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE

LIST OF MATERIALS

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	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1						
	SCALE 1 : 1 SHEET 1 OF 1			DWG. SIZE A4	DWG. NO. 84265	REV. 2	



WO# 2014-61

See build sheets